

Wilhelm and Else Heraeus Summer School

Atomic Properties of the Heaviest Elements
from 'hot' fusion to ultracold ions

August 24. –September 6. 2008
Wittenberg, Germany

Preliminary List of Lecturers

F.P. Heßberger, GSI Darmstadt	Production of Superheavy elements	(Pr1-2)
P.-G. Reinhard, Universität Erlangen	Nuclear Structure Theory	(NS 1-3)
A. Türler, TU – München	Recoil Separators and Chemical Separation Techniques	(RS 1-3)
Ch. Düllmann, GSI Darmstadt	Chemical Properties of the Heaviest Elements	(Ch 1-3)
P. Armentout, University of Utah	Ion Chemistry	(IC 1-3)
J. Gauss, Universität Mainz	Quantum Chemistry	(QCh 1-3)
S. Fritzsche, GSI Darmstadt	Atomic Level Calculations	(QM 1-3)
P. Schwerdtfeger, Massey University	QED Effects in the Heaviest Elements	(QED 1-2)
M. Sewtz, LMU-München	Optical Spectroscopy and Ion Mobility	(OS 1-3)
M. Block, GSI, Darmstadt	Mass Measurements	(NM 1-2)
U. Schramm, FZD-Rossendorf	Cooling of Ions	(SC 1-2)
M. Drewsen, University of Aarhus	Quantum Optics	(QO 1-3)

Preliminary Schedule

		9 ⁰⁰ - 10 ³⁰	11 ⁰⁰ - 12 ³⁰	15 ⁰⁰ - 16 ³⁰	17 ⁰⁰ - 18 ⁴⁰	21 ⁰⁰ -
<i>Sunday</i>	24.08.	<i>Arrival and Welcome Reception</i>				
Monday	25.08.	Pr 1	NS 1	RS 1	SP 1 - 5	P1-6
Tuesday	26.08.	NS 2	RS 2	Pr 2	SP 6-10	P1-6
Wednesday	27.08.	Ch 1	RS 3	NS 3	SP 7-15	P1-6
Thursday	28.08.	IC 1	QM 1	Ch 2	SP 16-20	P1-6
Friday	29.08.	QCh 1	IC 2	Ch 3	SP 21-25	P1-6
Saturday	30.08.	IC 3	QCh 2	<i>Barbecue</i>		
<i>Sunday</i>	31.08.	<i>Excursion</i>				
Monday	01.09.	OS 1	QM 2	QCh 3	SP 26-30	P1-6
Tuesday	02.09.	NM 1	OS 2	QM 3	SP 31-35	P1-6
Wednesday	03.09.	QO 1	NM 2	OS 3	SP 36-40	P1-6
Thursday	04.09.	QED 1	SC 1	QO 2	SP 41-45	P1-6
Friday	05.09.	QO 3	SC 2	QED 2	SP 46-50	<i>Party</i>
<i>Saturday</i>	06.09.	<i>Departure</i>				

International Advisory Committee:

P. Armbruster (GSI, Germany)
 H. Backe (University of Mainz, Germany)
 H. Gäggeler (PSI, Switzerland)
 D.C. Hoffman (LBNL, USA)
 H.J. Kluge (GSI, Germany)
 J.V. Kratz (University of Mainz, Germany)
 K. Morita (RIKEN, Japan)
 H. Nitsche (LBNL, USA)
 Yu.Ts. Oganessian (JINR, Russia)
 P. Pyykkö (University of Helsinki, Finland)
 P. Thirolf (LMU-München, Germany)

Local Organizers:

Michael Sewtz and Dietrich Habs,
 Ludwig-Maximilians-Universität München